

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast	Observer(s): Powell
River System: Sol Duc	Date: 11/18/97
Site Identifier: S-0357	WRIA: 20.0357
River Mile Location: 3.0 (WRIA catalog)	RB/LB: LB
Local Name: Unnamed	Trib. to: South Fk Sol Duc (20.0354)
Legal Description: SW¼ Sec 13 T29N R10W	County: Clallam
Habitat Type: Valley wall tributary	
Landowner: (X) Federal () State () County () Other Government () Private - National Forest	

Directions to site:

Starting at Forks (Tillicum Park) drive north on Highway 101 for 24.4 miles (mp 216) to F.S. 2918 and take a right on this road. Follow this road for 4.2 miles, to the second bridge crossing. This bridge crosses the South Fork Sol Duc River. Follow the S. Fork upstream for about 1.25 miles. There is a prominent left bank tributary. The location instructions are vague due to the inaccessibility of this channel and the lack of GPS information. The FS 2918 road does parallel the South Fork Sol Duc River. Access information for this section of river may be provided by the USFS, Sol Duc Ranger District.

Site Overview:

This is a moderate to a high gradient channel that experiences flushing flows. The channel is incised with a mature conifer and alder dominant riparian. The steep banks have mature conifer. There is cover/pools provided by old, large woody debris and boulders. The physical characteristics of this stream are more conducive to resident trout.

Habitat Information:

Water source: Tributaries and surface runoff

Intermittent/year-around:
- Year-around

Estimated flows (cfs): 1.5+

Water temperatures: 7° C

Adjacent stream temperature: 6.5° C

Other water observations: Water was clear

Site area measurements: ☐ Indirect ☒ Direct ☐ Combination

Widths: Channel- 1 m - 1.5 m (ww) Ponds- NA Wetlands- NA

Depths: Channel- 8 - 20 cm Ponds- NA Wetlands- NA

Total length: 100+ m (possible trout habitat above end point)

- Due to impeding gradient gain and time constraints, this survey was limited to 100 m.

Total existing habitat area (est.): 125 m² (measured for this survey)

Spawning area: 50 m²

Impounded area: 0

Other rearing area: 75 m²

Spawning Habitat conditions: ☐ None ☒ Poor ☐ Fair ☐ Good ☐ Excellent

Describe spawning habitat:

- Overall, the spawning habitat is more conducive to trout.
- The channel has pockets of gravel associated with large woody debris and boulders.
- Boulders were prominent in the substrate.

Rearing habitat conditions: ☐ None ☒ Poor ☐ Fair ☐ Good ☐ Excellent

Describe pond and other rearing habitat:

- This channel has a canopy of primarily older alder and conifer.
- Cover is provided by large old woody debris and overhang.
- Boulder and woody debris provide pool habitat.
- This channel is more characteristically a cutthroat stream.

Describe unaccessible habitat:

Describe wetland: ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☐ Forested Wetland

- N/A

Flooding potential: ☐ Low ☐ Medium ☒ High

- Flushing flows within the system.

Fish Information:

Site entry condition to (S. FK. Sol Duc River 20.0354): ☐ Poor ☐ Fair ☒ Good

- Open egress.

Coho access and use:

Juvenile- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Adult- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

- Trout probably utilize the lower reach of this channel.

Habitat Improvements:

Enhancement opportunities:

- None recommended.
- Lacks access.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

☒ Aerials

☒ Sketch

☒ Maps

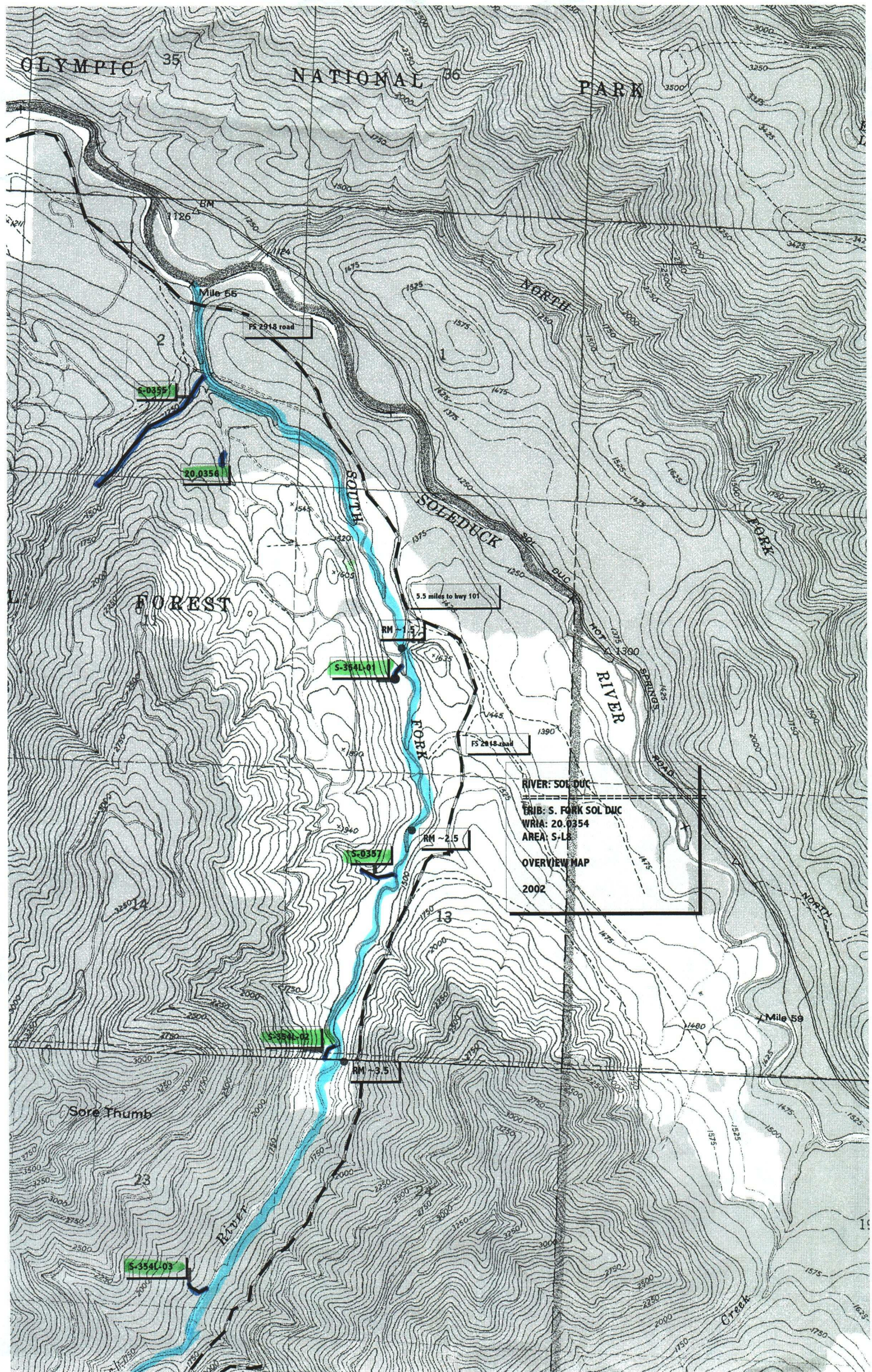
☐ Culvert Report

☐ Other references

☐ Spawning surveys

☐ Juvenile trapping

☐ Fishway Report



AREA MAP